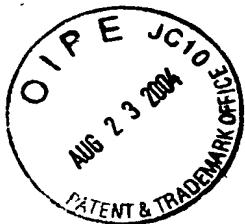


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Friede, *et al.* 19 August 2004

Serial No.: 09/819,464 Group Art Unit No.: 1648

Filed: 28 March 2001 Examiner: Zachariah Lucas

For: Vaccines

Commissioner for Patents
P.O. Box 1450
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Supplemental Information Disclosure Statement Under 37 C.F.R. §1.97(c)

The attached list of citations is being submitted under the provisions of 37 C.F.R. §1.56 and §1.97 in order to comply with the duty of disclosure. Their inclusion herein, however, should not be construed as an admission that any particular cited reference is effective prior art or that it discloses or renders obvious any aspect of the claimed invention.

The references cited herein are listed on the enclosed PTO Form 1449. Copies of each are enclosed.

This statement is being filed under the provisions of 37 C.F.R. §1.97(c), before the mailing date of a Final Office action or before the mailing date of a Notice of Allowance, along with authorization to charge the \$180.00 fee specified in 37 C.F.R. §1.17(p) to the Deposit Account No. 19-2570.

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Please charge any additional fees under 37 C.F.R. §1.16 or §1.17 which may be required by this paper, or credit any overpayment, to the indicated Deposit Account.

Respectfully submitted,



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| | | APPLICANT Friede, et al. | |
| | | FILING DATE 28 March 2001 | GROUP 1648 |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------------|----------|-----------------|-------|----------|----------------------------|
| | 6,372,227 B1 | 04/16/02 | Garcon, et al. | 424 | 283.1 | |
| | 5,750,110 | 05/12/98 | Prieels, et al. | 424 | 208.1 | |
| | 5,679,354 | 10/21/97 | Moreln, et al. | 424 | 278.1 | |
| | 3,085,939 | 04/16/63 | Wruble, et al. | | | |
| | 5,057,540 | 10/15/91 | Kensil, et al. | 514 | 25 | |

FOREIGN PATENT DOCUMENTS

| | Document Number | Date | Country | Class | Subclass | Translation Yes | Translation No |
|--|-----------------|----------|---------|-------|----------|--------------------|-------------------|
| | WO 88/09336 | 12/01/88 | PCT | | | | |
| | WO 95/09179 | 04/06/95 | PCT | | | | |
| | WO 94/00153 | 01/06/94 | PCT | | | | |
| | WO 94/22476 | 10/13/94 | PCT | | | | |
| | WO 93/01831 | 02/04/93 | PCT | | | | |
| | WO 96/33739 | 10/31/96 | PCT | | | | |
| | WO 90/14837 | 12/13/90 | PCT | | | | |
| | WO 94/27636 | 12/08/94 | PCT | | | | |
| | WO 94/21292 | 09/29/94 | PCT | | | | |
| | WO 94/19013 | 09/01/94 | PCT | | | | |
| | WO 92/06710 | 04/30/92 | PCT | | | | |
| | WO 90/07935 | 07/20/90 | PCT | | | | |
| | WO 92/00081 | 01/09/92 | PCT | | | | |



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| | | FILING DATE 28 March 2001 | GROUP 1648 |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----------|--|
| | Frederick R. Vogel, "Immunologic Adjuvants for Modern Vaccine Formulations," <i>National Institute of Allergy and Infectious Diseases</i> , 754:153-160 (1995). |
| | Kensil, et al., "Separation and Characterization of Saponins with Adjuvant Activity from <i>Quillaja saponaria</i> Molina Cortex," <i>The Journal of Immunology</i> , 146: 431-437 (1991). |
| | Gupta, et al., "Adjuvants – a balance between toxicity and adjuvanticity," <i>Vaccine</i> , 11(3): 293-306 (1993). |
| | Morein, et al., "Iscom, a novel structure for antigenic presentation of membrane proteins from enveloped viruses," <i>Nature</i> , 308: 457-460 (1984). |
| | Özel, et al., "Quaternary Structure of the Immunostimulating Complex (Iscom)," <i>Journal of Ultrastructure and Molecular Structure Research</i> , 102: 240-248 (1989). |
| | Schmidt, et al., "Development of a Suspension-Emulsion System for Parenteral Application in Animals," <i>Acta Pharm. Technol.</i> 35(1): 34-37 (1989). |
| | Nancy Mueller, "Overview: Viral Agents and Cancer," <i>Environmental Health Perspectives</i> , 103(S8): 259-261 (1995). |
| | Lövgren, et al., "The Requirement of Lipids for the Formation of Immunostimulating Complexes (Iscoms)," <i>Biotechnology and Applied Biochemistry</i> , 10: 161-172 (1988). |
| | Definition of "sterol," Macmillan Dictionary of Chemistry, Macmillan Press Ltd., pp. 450-451 (Published 1987). |
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